

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/568,762
Source: /FWP
Date Processed by STIC: 2/28/06

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/568,762

CRF Edit Date: 3/2/06
Edited by: lv

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

___ Deleted: ___ invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

___ Other:



IFWf

RAW SEQUENCE LISTING

DATE: 03/02/2006

PATENT APPLICATION: US/10/568,762

TIME: 16:30:02

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\03022006\J568762.raw

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3 <110> APPLICANT: Bayer AG, BHC
5 <120> TITLE OF INVENTION: Diagnostics and Therapeutics for Diseases Associated with
Kallikrein 8
6 (KLK8)
8 <130> FILE REFERENCE: Le A 36 870
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/568,762
C--> 10 <141> CURRENT FILING DATE: 2006-02-21
10 <160> NUMBER OF SEQ ID NOS: 5
12 <170> SOFTWARE: PatentIn version 3.1
14 <210> SEQ ID NO: 1
15 <211> LENGTH: 783
16 <212> TYPE: DNA
17 <213> ORGANISM: Homo sapiens
19 <400> SEQUENCE: 1
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21 gcctgggcag gacactccag ggcacaggag gacaagggtc tgggggggtca tgagtgccaa 120
22 ccccatctgc agccttggca ggcggccttg ttccagggcc agcaactact ctgtggcggt 180
23 gtccttgtag gtggcaactg ggctccttaca gctgccact gtaaaaaacc gaaatacaca 240
24 gtacgcctgg gagaccacag cctacagaat aaagatggcc cagagcaaga aatacctgtg 300
25 gttcagtcca tcccacaccc ctgctacaac agcagcgatg tggaggacca caaccatgat 360
26 ctgatgcttc ttcaactgcg tgaccaggca tccctggggg ccaaagtga gcccacagc 420
27 ctggcagatc attgcaccca gcctggccag aagtgcaccg tctcaggctg gggcactgtc 480
28 accagtcccc gagagaattt tcctgacact ctcaactgtg cagaagtaaa aatctttccc 540
29 cagaagaagt gtgaggatgc ttaccggggg cagatcacag atggcatggt ctgtgcaggc 600
30 agcagcaaag gggctgacac gtgccagggc gattctggag gccccctggt gtgtgatggt 660
31 gcactccagg gcatcacatc ctggggctca gaccctgtg ggaggtccga caaacctggc 720
32 gtctatacca acatctgccg ctacctggac tggatcaaga agatcatagg cagcaagggc 780
33 tga 783
35 <210> SEQ ID NO: 2
36 <211> LENGTH: 260
37 <212> TYPE: PRT
38 <213> ORGANISM: Homo sapiens
40 <400> SEQUENCE: 2
41 Met Gly Arg Pro Arg Pro Arg Ala Ala Lys Thr Trp Met Phe Leu Leu
42 1 5 10 15
43 Leu Leu Gly Gly Ala Trp Ala Gly His Ser Arg Ala Gln Glu Asp Lys
44 20 25 30
45 Val Leu Gly Gly His Glu Cys Gln Pro His Ser Gln Pro Trp Gln Ala
46 35 40 45
47 Ala Leu Phe Gln Gly Gln Gln Leu Leu Cys Gly Gly Val Leu Val Gly
48 50 55 60
49 Gly Asn Trp Val Leu Thr Ala Ala His Cys Lys Lys Pro Lys Tyr Thr
50 65 70 75 80
51 Val Arg Leu Gly Asp His Ser Leu Gln Asn Lys Asp Gly Pro Glu Gln

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RAW SEQUENCE LISTING

DATE: 03/02/2006

PATENT APPLICATION: US/10/568,762

TIME: 16:30:02

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\03022006\J568762.raw

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52          85          90          95
53 Glu Ile Pro Val Val Gln Ser Ile Pro His Pro Cys Tyr Asn Ser Ser
54          100          105          110
55 Asp Val Glu Asp His Asn His Asp Leu Met Leu Leu Gln Leu Arg Asp
56          115          120          125
57 Gln Ala Ser Leu Gly Ser Lys Val Lys Pro Ile Ser Leu Ala Asp His
58          130          135          140
59 Cys Thr Gln Pro Gly Gln Lys Cys Thr Val Ser Gly Trp Gly Thr Val
60 145          150          155          160
61 Thr Ser Pro Arg Glu Asn Phe Pro Asp Thr Leu Asn Cys Ala Glu Val
62          165          170          175
63 Lys Ile Phe Pro Gln Lys Lys Cys Glu Asp Ala Tyr Pro Gly Gln Ile
64          180          185          190
65 Thr Asp Gly Met Val Cys Ala Gly Ser Ser Lys Gly Ala Asp Thr Cys
66          195          200          205
67 Gln Gly Asp Ser Gly Gly Pro Leu Val Cys Asp Gly Ala Leu Gln Gly
68          210          215          220
69 Ile Thr Ser Trp Gly Ser Asp Pro Cys Gly Arg Ser Asp Lys Pro Gly
70 225          230          235          240
71 Val Tyr Thr Asn Ile Cys Arg Tyr Leu Asp Trp Ile Lys Lys Ile Ile
72          245          250          255
73 Gly Ser Lys Gly
74          260
76 <210> SEQ ID NO: 3
77 <211> LENGTH: 21
78 <212> TYPE: DNA
79 <213> ORGANISM: artificial sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: forward primer
84 <400> SEQUENCE: 3
85 cctggcgtct ataccaacat c 21
87 <210> SEQ ID NO: 4
88 <211> LENGTH: 19
89 <212> TYPE: DNA
90 <213> ORGANISM: artificial sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: reverse primer
95 <400> SEQUENCE: 4
96 atcagccctt gctgcctat 19
98 <210> SEQ ID NO: 5
99 <211> LENGTH: 27
100 <212> TYPE: DNA
101 <213> ORGANISM: artificial sequence
103 <220> FEATURE:
104 <223> OTHER INFORMATION: probe
106 <400> SEQUENCE: 5
107 cgctacctgg actggatcaa gaagatc 27

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/568,762

DATE: 03/02/2006

TIME: 16:30:03

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\03022006\J568762.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

**Raw Sequence Listing before editing
(for reference only)**



IFWP

RAW SEQUENCE LISTING

DATE: 02/28/2006

PATENT APPLICATION: US/10/568,762

TIME: 15:13:45

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\02282006\J568762.raw

3 <110> APPLICANT: Bayer AG, BHC
 5 <120> TITLE OF INVENTION: Diagnostics and Therapeutics for Diseases Associated with
 Kallikrein 8

6 (KLK8)

8 <130> FILE REFERENCE: Le A 36 870

C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/568,762

C--> 10 <141> CURRENT FILING DATE: 2006-02-21

10 <160> NUMBER OF SEQ ID NOS: 5

12 <170> SOFTWARE: PatentIn version 3.1

14 <210> SEQ ID NO: 1

15 <211> LENGTH: 783

16 <212> TYPE: DNA

17 <213> ORGANISM: Homo sapiens

19 <400> SEQUENCE: 1

20 atggggacgcc cccgacctcg tgcggccaag acgtggatgt tcctgctctt gctgggggga 60
 21 gcctggggcag gacactccag ggcacaggag gacaagggtc tgggggggtca tgagtgccaa 120
 22 cccatttcgc agccttgcca ggcggccttg ttccagggcc agcaactact ctgtggcggg 180
 23 gtcctttag gtggcaactg ggtccttaca gctgcccact gtaaaaaacc gaaatacaca 240
 24 gtacgacctg gagaccacag cctacagaat aaagatggcc cagagcaaga aataacctgtg 300
 25 gttcagtcca tcccacaccc ctgctacaac agcagcgatg tggaggacca caaccatgat 360
 26 ctgatgcttc ttcaactgcg tgaccaggca tccctggggg ccaaagtga gcccacgagc 420
 27 ctggcagatc attgcacca gcctggccag aagtgcaccg tctcaggctg gggcactgtc 480
 28 accagtcccc gagagaattt tcctgacact ctcaactgtg cagaagtaaa aatctttccc 540
 29 cagaagaagt gtgaggatgc ttaccggggg cagatcacag atggcatggt ctgtgcaggc 600
 30 agcagcaaag gggctgacac gtgccagggc gattctggag gcccctggt gtgtgatggt 660
 31 gcactccagg gcatcacatc ctgggggtca gaccctgtg ggaggtccga caaacctggc 720
 32 gtctatacca acatctgccg ctacctggac tggatcaaga agatcatagg cagcaagggc 780
 33 tga 783

35 <210> SEQ ID NO: 2

36 <211> LENGTH: 260

37 <212> TYPE: PRT

38 <213> ORGANISM: Homo sapiens

40 <400> SEQUENCE: 2

41 Met Gly Arg Pro Arg Pro Arg Ala Ala Lys Thr Trp Met Phe Leu Leu
 42 1 5 10 15
 43 Leu Leu Gly Gly Ala Trp Ala Gly His Ser Arg Ala Gln Glu Asp Lys
 44 20 25 30
 45 Val Leu Gly Gly His Glu Cys Gln Pro His Ser Gln Pro Trp Gln Ala
 46 35 40 45
 47 Ala Leu Phe Gln Gly Gln Gln Leu Leu Cys Gly Gly Val Leu Val Gly
 48 50 55 60
 49 Gly Asn Trp Val Leu Thr Ala Ala His Cys Lys Lys Pro Lys Tyr Thr
 50 65 70 75 80
 51 Val Arg Leu Gly Asp His Ser Leu Gln Asn Lys Asp Gly Pro Glu Gln

Does Not Comply
 Corrected Diskette Needed

PP.2-3

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/568,762

DATE: 02/28/2006

TIME: 15:13:45

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\02282006\J568762.raw

```

52          85          90          95
53 Glu Ile Pro Val Val Gln Ser Ile Pro His Pro Cys Tyr Asn Ser Ser
54          100          105          110
55 Asp Val Glu Asp His Asn His Asp Leu Met Leu Leu Gln Leu Arg Asp
56          115          120          125
57 Gln Ala Ser Leu Gly Ser Lys Val Lys Pro Ile Ser Leu Ala Asp His
58          130          135          140
59 Cys Thr Gln Pro Gly Gln Lys Cys Thr Val Ser Gly Trp Gly Thr Val
60 145          150          155          160
61 Thr Ser Pro Arg Glu Asn Phe Pro Asp Thr Leu Asn Cys Ala Glu Val
62          165          170          175
63 Lys Ile Phe Pro Gln Lys Lys Cys Glu Asp Ala Tyr Pro Gly Gln Ile
64          180          185          190
65 Thr Asp Gly Met Val Cys Ala Gly Ser Ser Lys Gly Ala Asp Thr Cys
66          195          200          205
67 Gln Gly Asp Ser Gly Gly Pro Leu Val Cys Asp Gly Ala Leu Gln Gly
68          210          215          220
69 Ile Thr Ser Trp Gly Ser Asp Pro Cys Gly Arg Ser Asp Lys Pro Gly
70 225          230          235          240
71 Val Tyr Thr Asn Ile Cys Arg Tyr Leu Asp Trp Ile Lys Lys Ile Ile
72          245          250          255
73 Gly Ser Lys Gly
74          260

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76 <210> SEQ ID NO: 3

77 <211> LENGTH: 21

78 <212> TYPE: DNA

79 <213> ORGANISM: artificial sequence

81 <220> FEATURE:

82 <223> OTHER INFORMATION: forward primer

84 <400> SEQUENCE: 3

85 cctggcgtct ataccaacat c

21

87 <210> SEQ ID NO: 4

88 <211> LENGTH: 19

89 <212> TYPE: DNA

90 <213> ORGANISM: artificial sequence

92 <220> FEATURE:

93 <223> OTHER INFORMATION: reverse primer

95 <400> SEQUENCE: 4

96 atcagccctt gctgcctat

19

98 <210> SEQ ID NO: 5

99 <211> LENGTH: 27

100 <212> TYPE: DNA

101 <213> ORGANISM: artificial sequence

103 <220> FEATURE:

104 <223> OTHER INFORMATION: probe

106 <400> SEQUENCE: 5

107 cgctacctgg actggatcaa gaagatc

27

W--> 109 Le A 36 870-Foreign Countries

W--> 112 - 2 -

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/568,762

DATE: 02/28/2006

TIME: 15:13:45

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\02282006\J568762.raw

W--> 116 Le A 36 870-Foreign Countries

W--> 119 - 1 -

VERIFICATION SUMMARYPATENT APPLICATION: **US/10/568,762**

DATE: 02/28/2006

TIME: 15:13:46

Input Set : **A:\pto.da.txt**Output Set: **N:\CRF4\02282006\J568762.raw**

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:109 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:5
L:112 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:116 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:5
L:119 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5